

011604

P24757.P01

# UTILITY PATENT APPLICATION TRANSMITTAL

( ) for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

P24757

Total Pages

Inventor(s) or Application Identifier:

Gennadi FINKELSHTAIN, Alexander SILBERMAN, Mark ESTRIN, Igor DERZY, Emilio SANCHEZ-CORTEZON, James H. MINERS, and Pascal GOUEREC

Title: HYDRIDE-BASED FUEL CELL DESIGNED FOR THE ELIMINATION OF HYDROGEN FORMED THEREIN

ADDRESS TO:

Commissioner for Patents  
Mail Stop Patent Application  
PO Box 1450  
Alexandria, VA 22313-1450

## APPLICATION ELEMENTS

## ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
  - a. ☐ Small Entity Statement(s)
3. ☒ Specification (preferred arrangement set forth below) [Total Pages 49 ]
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 15 ]
5. ☒ Oath or Declaration [Total Pages 4 ]
  - a. ☐ Newly executed (original or copy) ☒ Unexecuted
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 20 completed)  
[Note Box 6 below]
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Incorporation By Reference (useable if Box 5b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
7. ☐ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)

9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
16. ☒ Figure of Drawing to be published: 1
17. ☐ Foreign priority claimed
  - a. ☐ Claim of Priority
  - b. ☐ Certified Copy of Priority Document(s)
18. ☐ Nonpublication Request under 35 U.S.C. 122 (b) (2) (B) (i).  
Applicant must attach form PTO/SB/35 or its equivalent.
19. ☐ Assignee: \_\_\_\_\_
20. ☒ Other: Cover Letter Under 37 C.F.R. 1.53(b) and 1.53(f)  
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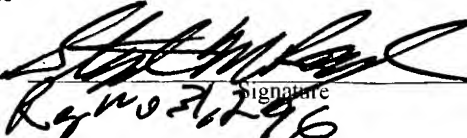
21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 C.F.R. 1.76:


☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. \_\_\_\_\_ / \_\_\_\_\_, filed \_\_\_\_\_.  
Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

Address all future correspondence to **Customer No. 7055** at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

Jan 16, 2004  
Date

  
Neil F. Greenblum, Reg. No. 28,394  
Typed or Printed Name

<b>FEE TRANSMITTAL</b>		Complete if Known																																																																																																																																																																																																																																																																																																							
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1. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <u>19-0089</u> Deposit Account Name <u>GREENBLUM &amp; BERNSTEIN, P.L.C.</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)) <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) <input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27. 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <b>FEE CALCULATION (fees effective 10/01/03)</b> <b>1. FILING FEE</b> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td><u>770.00</u></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td><u>          </u></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td><u>          </u></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td><u>          </u></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td><u>          </u></td></tr> <tr><td colspan="5"><b>SUBTOTAL (1) (\$)</b></td><td><b><u>770.00</u></b></td></tr> </tbody> </table> <b>2. 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1252	420	2252	210	Extension for response within 1st month	<u>          </u>																																																																																																																																																																																																																																																																																																				
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1254	1,480	2254	740	Extension for response within 3rd month	<u>          </u>																																																																																																																																																																																																																																																																																																				
1255	2,010	2255	1,005	Extension for response within 4th month	<u>          </u>																																																																																																																																																																																																																																																																																																				
1401	330	2401	165	Extension for response within 5th month	<u>          </u>																																																																																																																																																																																																																																																																																																				
1402	330	2402	165	Notice of Appeal	<u>          </u>																																																																																																																																																																																																																																																																																																				
1403	290	2403	145	Filing a brief in support of an appeal	<u>          </u>																																																																																																																																																																																																																																																																																																				
1451	1,510	1451	1,510	Request for oral hearing	<u>          </u>																																																																																																																																																																																																																																																																																																				
1452	110	2452	55	Petition to institute a public use proceeding	<u>          </u>																																																																																																																																																																																																																																																																																																				
1453	1,330	2453	665	Petition to revive unavoidably abandoned application	<u>          </u>																																																																																																																																																																																																																																																																																																				
1501	1,330	2501	665	Petition to revive unintentionally abandoned application	<u>          </u>																																																																																																																																																																																																																																																																																																				
1502	480	2502	240	Utility issue fee (or reissue)	<u>          </u>																																																																																																																																																																																																																																																																																																				
1503	640	2503	320	Design issue fee	<u>          </u>																																																																																																																																																																																																																																																																																																				
1460	130	1460	130	Plant issue fee	<u>          </u>																																																																																																																																																																																																																																																																																																				
1807	50	1807	50	Petitions to the Commissioner	<u>          </u>																																																																																																																																																																																																																																																																																																				
1806	180	1806	180	Petitions related to provisional applications	<u>          </u>																																																																																																																																																																																																																																																																																																				
8021	40	8021	40	Submission of IDS	<u>          </u>																																																																																																																																																																																																																																																																																																				
1809	770	2809	385	Recording each patent assignment per property (times number of properties)	<u>          </u>																																																																																																																																																																																																																																																																																																				
1810	770	2810	385	Filing a submission after final rejection (37 CFR 1.129(a))	<u>          </u>																																																																																																																																																																																																																																																																																																				
1801	770	2801	385	For each additional invention to be examined (37 CFR 1.129(b))	<u>          </u>																																																																																																																																																																																																																																																																																																				
1802	900	1802	900	Request for Continued Examination (RCE)	<u>          </u>																																																																																																																																																																																																																																																																																																				
Request for expedited examination of a design application					<u>          </u>																																																																																																																																																																																																																																																																																																				
Other fee (specify) _____					<u>          </u>																																																																																																																																																																																																																																																																																																				
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<b>SUBTOTAL (3) (\$)</b>					<b><u>0.00</u></b>																																																																																																																																																																																																																																																																																																				
SUBMITTED BY		Complete (if applicable)																																																																																																																																																																																																																																																																																																							
Typed or Printed Name Neil F. Greenblum		Reg. Number 28,394																																																																																																																																																																																																																																																																																																							
Signature 		Date Jan 14, 2004	Deposit Account User ID 31,296																																																																																																																																																																																																																																																																																																						



P24757.P03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gennadi FINKELSHTAIN et al.

Serial No. : Not Yet Assigned

Filed : Concurrently Herewith

For : HYDRIDE-BASED FUEL CELL DESIGNED FOR THE ELIMINATION OF  
HYDROGEN FORMED THEREIN

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION  
FILED UNDER 37 C.F.R. 1.53(b) and 1.53(f)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b) and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

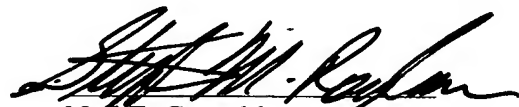
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191

The above-identified application includes:

- 49 pages of specification with abstract.
- 15 sheets of drawings with 37 figures.
- 102 total claims and 7 independent.
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Gennadi FINKELSHTAIN et al.



Neil F. Greenblum

Reg. No. 28,394

*Repro.*  
*31,296*

January 16, 2004  
GREENBLUM & BERNSTEIN, P.L.C.  
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